

Amendments to the Claims:

1. (Currently Amended) ~~A mobile station~~ An apparatus comprising:

a context engine configured for storing context-related information, the context-related information having been created based upon at least a portion of at least one condition, wherein the context engine is also configured for managing an exchange of the context-related information with at least one context consumer;

a communication manager configured for communicating with at least one context consumer for receiving at least one context rule and exchanging context-related information, at least one context consumer being located external to the ~~mobile station~~ apparatus, wherein at least one context rule includes at least one condition value relating to at least a portion of context-related information, and at least one action to be performed ~~when the respective at least one condition is satisfied~~; and

a script engine configured for executing at least a portion of at least one context rule, including performing at least a portion of a respective at least one action, ~~when at least a portion of a respective based on a comparison of the respective at least one condition value and at least one condition is satisfied~~ measured by at least one sensor.

2. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein the context engine comprises:

a blackboard configured for storing the context-related information; and

a subscription manager configured for providing at least one subscription to at least a portion of the context-related information to at least one context consumer.

3. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 2, wherein the context-related information is configured for being at least one of retrieved from or stored by the blackboard.

4. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein the context-related information is stored as at least one context atom that comprises at least a name and an associated value.

5. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 4, wherein the at least one context atom further comprises at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

6. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 5, wherein at least a portion of the context-related information is based upon at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

7. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1 further comprising:

a subscription manager configured for permitting at least one context consumer to subscribe to at least one event regarding at least a portion of the context-related information.

8. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein the context engine is configured for storing context-related information from at least one context producer, and wherein the at least one context producer comprises at least one of an application internal to the ~~mobile station~~ apparatus, an application external to the ~~mobile station~~ apparatus or a user of the ~~mobile station~~ apparatus.

9. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1 further comprising:

at least one sensor configured for measuring at least a portion of at least one condition of at least one of the ~~mobile station~~ apparatus or a user of the ~~mobile station~~ apparatus.

10. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 9, wherein the at least one sensor is further configured for processing the portion of the at least one condition into context-related information.

11. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1 further comprising:

a privacy engine configured for providing at least a portion of at least one of security or privacy to the exchange of the context-related information.

12. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 11, wherein the privacy engine is configured for operating in accordance with at least one rule to one of grant or deny permission to exchange context-related information with at least one context consumer.

13. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein the communication manager is configured for managing connectivity with at least one context producer for the exchange of context-related information, and wherein the communication manager is further configured for abstracting at least one communication technology such that the context engine is configured for operating independent of the at least one communication technology.

14. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein the context engine is configured for transmitting at least a portion of the context-related information to at least one context consumer external to the ~~mobile station apparatus~~ such that the at least one context consumer is configured for determining a context of the ~~mobile station apparatus~~ apparatus based upon the transmitted portion of the context-related information.

15. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein the context engine is configured for communicating with at least one external device

according to a context exchange protocol that defines a format in which the context-related information is at least one of transmitted or received.

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1, wherein a context consumer comprises an application for monitoring a health of a user of the ~~mobile station apparatus~~, wherein at least one context rule relates to the health of the user, and wherein the respective at least one context rule comprises at least a portion of at least one condition relating to the health of the user, and an alert to be issued when the respective portion of the at least one condition is satisfied.

19. (Currently Amended) ~~A mobile station~~ An apparatus according to Claim 1 further comprising:

at least one application program interface configured for facilitating at least one of the transmission or reception of context-related information.

20. (Currently Amended) ~~A communications system~~ comprising:
at least one context producer configured for creating context-related information based upon at least a portion of at least one condition;

at least one context consumer configured for determining a context based upon the context-related information; and

a mobile station configured for storing context-related information created by the at least one context producer, wherein the mobile station is also configured for receiving at least one context rule, and managing an exchange of the context-related information between the at least one context producer and the at least one context consumer, and wherein at least one context rule

includes at least one condition value relating to at least a portion of context-related information, and at least one action to be performed ~~when the respective at least one condition is satisfied,~~

wherein the mobile station comprises a script engine configured for executing at least a portion of at least one context rule, including performing at least a portion of a respective at least one action, ~~when at least a portion of a respective~~ based on a comparison of the respective at least one condition value and at least one condition is satisfied measured by at least one sensor.

21. (Currently Amended) A ~~communications~~ system according to Claim 20, wherein the mobile station comprises a context engine configured for storing the context-related information, and providing at least one subscription to at least a portion of the context-related information to the at least one context consumer.

22. (Currently Amended) A ~~communications~~ system according to Claim 21, wherein the context-related information is configured for being at least one of retrieved from or stored by the context engine.

23. (Currently Amended) A ~~communications~~ system according to Claim 20, wherein the mobile station is configured for storing context-related information as at least one context atom that comprises at least a name and an associated value.

24. (Currently Amended) A ~~communications~~ system according to Claim 23, wherein the mobile station is configured for storing context-related information as at least one context atom that further comprises at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

25. (Currently Amended) A ~~communications~~ system according to Claim 24, wherein at least a portion of the context-related information is based upon at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

26. (Currently Amended) A ~~communications~~-system according to Claim 20, wherein the mobile station comprises a subscription manager configured for permitting at least one context consumer to subscribe to at least one event regarding at least a portion of the context-related information.

27. (Currently Amended) A ~~communications~~-system according to Claim 20, wherein the at least one context producer comprises at least one of an application internal to the mobile station, an application external to the mobile station or a user of the mobile station.

28. (Currently Amended) A ~~communications~~-system according to Claim 20, wherein the at least one context producer comprises at least one sensor configured for measuring at least a portion of at least one condition of at least one of the mobile station or a user of the mobile station.

29. (Currently Amended) A ~~communications~~-system according to Claim 28, wherein the at least one sensor is further configured for processing the portion of the at least one condition into context-related information.

30. (Currently Amended) A ~~communications~~-system according to Claim 20, wherein the mobile station comprises a privacy engine configured for providing at least a portion of at least one of security or privacy to the exchange of the context-related information.

31. (Currently Amended) A ~~communications~~-system according to Claim 30, wherein the privacy engine is configured for operating in accordance with at least one rule to one of grant or deny permission to exchange context-related information with the at least one context consumer.

32. (Currently Amended) A ~~communications~~-system according to Claim 20, wherein the mobile station comprises a communication manager configured for managing connectivity

with the at least one context producer for the exchange of context-related information, and wherein the communication manager is further configured for abstracting at least one communication technology such that the mobile station is configured for operating independent of the at least one communication technology.

33. (Currently Amended) A ~~communications~~ system according to Claim 20, wherein the mobile station is configured for transmitting at least a portion of the context-related information to the at least one context consumer external to the mobile station such that the at least one context consumer is configured for determining a context of the mobile station based upon the transmitted portion of the context-related information.

34. (Currently Amended) A ~~communications~~ system according to Claim 20, wherein the mobile station is configured for communicating with at least one external device according to a context exchange protocol that defines a format in which the context-related information is at least one of transmitted or received.

35. (Cancelled)

36. (Cancelled)

37. (Currently Amended) A ~~communications~~ system according to Claim 20, wherein a context consumer comprises an application for monitoring a health of a user of the mobile station, wherein at least one context rule relates to the health of the user, and wherein the respective at least one context rule comprises at least a portion of at least one condition relating to the health of the user, and an alert to be issued when the respective portion of the at least one condition is satisfied.

38. (Currently Amended) A ~~communications~~ system according to Claim 20, wherein the mobile station comprises at least one application program interface configured for facilitating at least one of the transmission or reception of context-related information.

39. (Currently Amended) A ~~communications~~ system according to Claim 20 further comprising:

at least one electronic device configured for communicating with the mobile station, wherein the at least one electronic device comprises a context engine configured for storing at least a portion of the context-related information stored by the mobile station.

40. (Currently Amended) A method comprising:

storing context-related information, the context-related information having been created based upon the portion of the at least one condition;

receiving at least one context rule, the at least one context rule including at least one condition value relating to at least a portion of context-related information, and at least one action to be performed ~~when the respective at least one condition is satisfied~~; and

managing an exchange of the context-related information with at least one context consumer, wherein managing the exchange comprises:

receiving a request for at least a portion of the context-related information from a context consumer;

determining whether to grant permission for the context consumer to receive the requested portion of the context-related information;

transmitting the requested portion of the context-related information when permission is granted; and

executing at least one context rule, including performing at least a portion of a respective at least one action, ~~when at least a portion of a respective~~ based on a comparison of the respective at least one condition value and at least one condition is satisfied measured by at least one sensor.

41. (Original) A method according to Claim 40, wherein managing an exchange of the context-related information further comprises:

providing at least one subscription to at least a portion of the context-related information to the at least one context consumer.

42. (Original) A method according to Claim 40, wherein storing context-related information comprises storing context-related information as at least one context atom that comprises at least a name and an associated value.

43. (Previously Presented) A method according to Claim 42, wherein storing context-related information comprises storing context-related information as at least one context atom that further comprises at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

44. (Previously Presented) A method according to Claim 43, wherein at least a portion of the context-related information is based upon at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

45. (Previously Presented) A method according to Claim 40 further comprising measuring at least a portion of at least one condition, wherein measuring at least a portion of at least one condition comprises measuring at least a portion of at least one condition by at least one context producer comprising at least one of an application internal to the mobile station, an application external to the mobile station or a user of the mobile station.

46. (Previously Presented) A method according to Claim 40 further comprising measuring at least a portion of at least one condition, wherein measuring at least a portion of at least one condition further comprises processing the portion of the at least one condition into context-related information.

47. (Original) A method according to Claim 40, wherein determining whether to grant permission comprises determining whether to grant permission in accordance with at least one rule.

48. (Previously Presented) A method according to Claim 40, wherein transmitting the requested portion of the context-related information comprises transmitting the requested portion of the context-related information to at least one context consumer external to the mobile station such that the at least one context consumer is configured for determining a context of the mobile station based upon the transmitted portion of the context-related information.

49. (Cancelled)

50. (Cancelled)

51. (Previously Presented) A method according to Claim 40, wherein a context consumer comprises an application for monitoring a health of a user of the mobile station, wherein at least one context rule relates to the health of the user, and wherein the respective at least one context rule comprises at least a portion of at least one condition relating to the health of the user, and an alert to be issued when the respective portion of the at least one condition is satisfied.

52. (Currently Amended) A computer program product comprising at least one computer-readable storage medium having computer-readable program code portions stored therein, the computer-readable program code portions comprising:

a first executable portion for storing context-related information, the context-related information having been created based upon the portion of the at least one condition;

a second executable portion for receiving at least one context rule, the at least one context rule including at least one condition value relating to at least a portion of context-related

information, and at least one action to be performed ~~when the respective at least one condition is~~
satisfied; and

a third executable portion for managing an exchange of the context-related information with at least one context consumer, wherein the third executable portion is adapted to receive a request for at least a portion of the context-related information from a context consumer, determine whether to grant permission for the context consumer to receive the requested portion of the context-related information, and when permission is granted, transmit the requested portion of the context-related information,

wherein the third executable portion is further adapted to execute at least one context rule, including performing at least a portion of a respective at least one action, ~~when at least a portion of a respective~~ based on a comparison of the respective at least one condition value and at least one condition is satisfied measured by at least one sensor.

53. (Previously Presented) A computer program product according to Claim 52, wherein the third executable portion is further adapted to provide at least one subscription to at least a portion of the context-related information to the at least one context consumer.

54. (Previously Presented) A computer program product according to Claim 52, wherein the first executable portion is adapted to store context-related information as at least one context atom that comprises at least a name and an associated value.

55. (Previously Presented) A computer program product according to Claim 54, wherein the first executable portion is adapted to store context-related information as at least one context atom that further comprises at least one of a timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

56. (Previously Presented) A computer program product according to Claim 55, wherein at least a portion of the context-related information is based upon at least one of a

timestamp, a source identifier, a reliability of the respective value, or an accuracy of the respective value.

57. (Previously Presented) A computer program product according to Claim 52 further comprising a third executable portion for measuring at least a portion of at least one condition, wherein the third executable portion is further adapted to process the portion of the at least one condition into context-related information.

58. (Previously Presented) A computer program product according to Claim 52, wherein the third executable portion is adapted to determine whether to grant permission in accordance with at least one rule.

59. (Previously Presented) A computer program product according to Claim 52, wherein the third executable portion is adapted to transmit the requested portion of the context-related information to at least one context consumer external to the mobile station such that the at least one context consumer is configured for determining a context of the mobile station based upon the transmitted portion of the context-related information.

60. (Cancelled)

61. (Cancelled)

62. (Previously Presented) A computer program product according to Claim 52, wherein a context consumer comprises an application for monitoring a health of a user of the mobile station, wherein at least one context rule relates to the health of the user, and wherein the respective at least one context rule comprises at least a portion of at least one condition relating to the health of the user, and an alert to be issued when the respective portion of the at least one condition is satisfied.